

U.S. Army Influenza Activity Report

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Week Ending 13 October 2012 (Week 41)

2012-2013 Seasonal Influenza Vaccination Coverage

As of 16 OCT 2012

63%	DOD
57%	Army Active Duty
38%	Army Guard
22%	Army Reserve

SYNOPSIS: Current influenza and influenza-like illness activity is low in US Army and civilian populations. All beneficiaries aged 6 months and older should receive this year's influenza vaccine, unless medically exempted.

- **ILI Activity:** Army beneficiary outpatient visits for incident influenza-like illness are lower this year than at same time in the last two seasons.
- **Influenza cases:** No hospitalized influenza cases have been reported in DRSi through week 41 of the 2012-2013 season.
- **Army MEDCEN Laboratory Testing:** During week 41 (2012), 28 or 352 (8%) specimens submitted for testing were positive for respiratory disease. RSV, Influenza A, and adenovirus were the most common respiratory pathogens identified, accounting for 36%, 25%, and 14% of positive specimens, respectively.

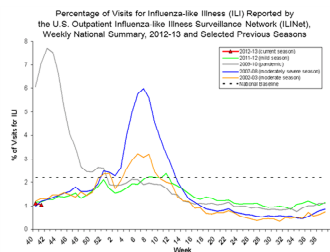
Geographic Spread



United States

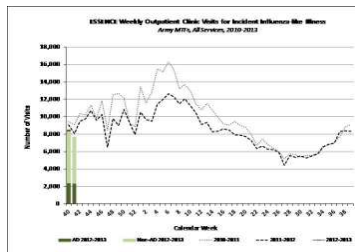
- Widespread influenza activity was not reported by any state during week 41 of 2012.
- No states reported regional activity.
- Local influenza activity was reported by one state (IA).
- The remaining states and territories reported sporadic cases or no influenza, except for Puerto Rico and the US Virgin Islands, which have not reported data.

ILI Activity United States



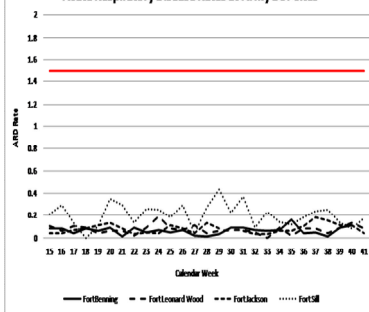
- For week 41 (2012), 1.1% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- The percentage of ILI outpatient visits ranged from 0.4 to 2.0% across regions.
- Overall, the percentage is below the national baseline of 2.2%.

ILI Activity Army



- Overall incident ILI activity is 4.5% lower this year than last year at this time.
- Active Duty Service Members were responsible for 30% of incident ILI clinic visits during week 41. During the previous influenza season, AD SMs comprised on average 42% of ILI clinic visits.

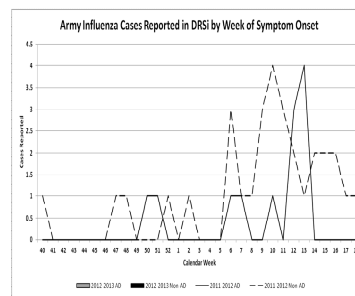
Acute Respiratory Disease Rates at Army BCT Sites



Acute Respiratory Disease

- ARD rates are lower at all BCT sites for 2012 compared to 2011.
- Since reintroduction of ADV 4 and 7 vaccine in Nov 2011, lab-confirmed ADV 4 and 7 cases have not been reported.

DRSi Influenza Case Reporting



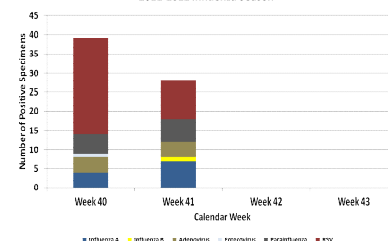
- No cases of hospitalized influenza have been reported in DRSi through week 41.
- Only one case had been reported during the same period last year.
- Since July 2012, eight cases of influenza-associated hospitalization have occurred at Army MTFs, two of which have been in Army active duty personnel.

Army Laboratory Testing

Army MTF Laboratory Results					
Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4	7			11
Influenza B	0	1			1
Adenovirus	4	4			8
Enterovirus	1	0			1
Parainfluenza	5	6			11
RSV	25	10			35
Negative	424	324			748
Total Results	463	352	0	0	815

- For week 41 (2012) and overall for the 2012-2013 season, 8% of all samples collected from Army MTFs were positive for respiratory pathogens.
- RSV accounted for most of the positive samples (36%).
- Parainfluenza and adenovirus accounted for 21% and 14% of all positive samples in week 41 (2012).
- Influenza A accounted for 25% of positive samples in week 41.
- Ten (of 10) MEDCENs submitted reports for week 41 (2012) and 18 reports were received for other Army MTFs.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2011-2012 Influenza Season



Additional Resources: Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC

Key: ILI - Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD - Acute Respiratory Disease; NHRC - Naval Health Research Center; ADV - Adenovirus; RSV - Respiratory Syncytial Virus

Questions?

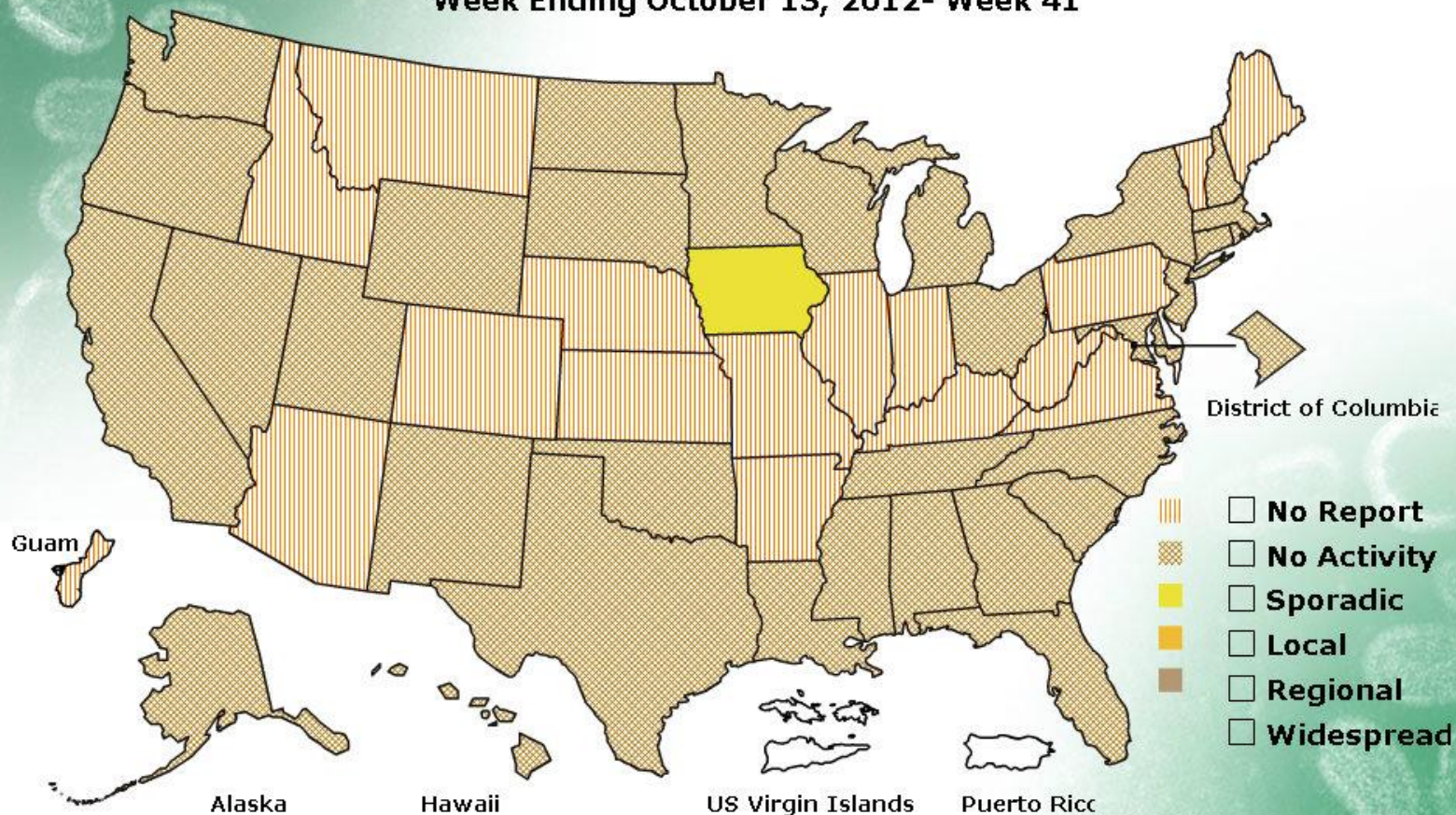
<http://phc.amedd.army.mil>

FLUVIEW



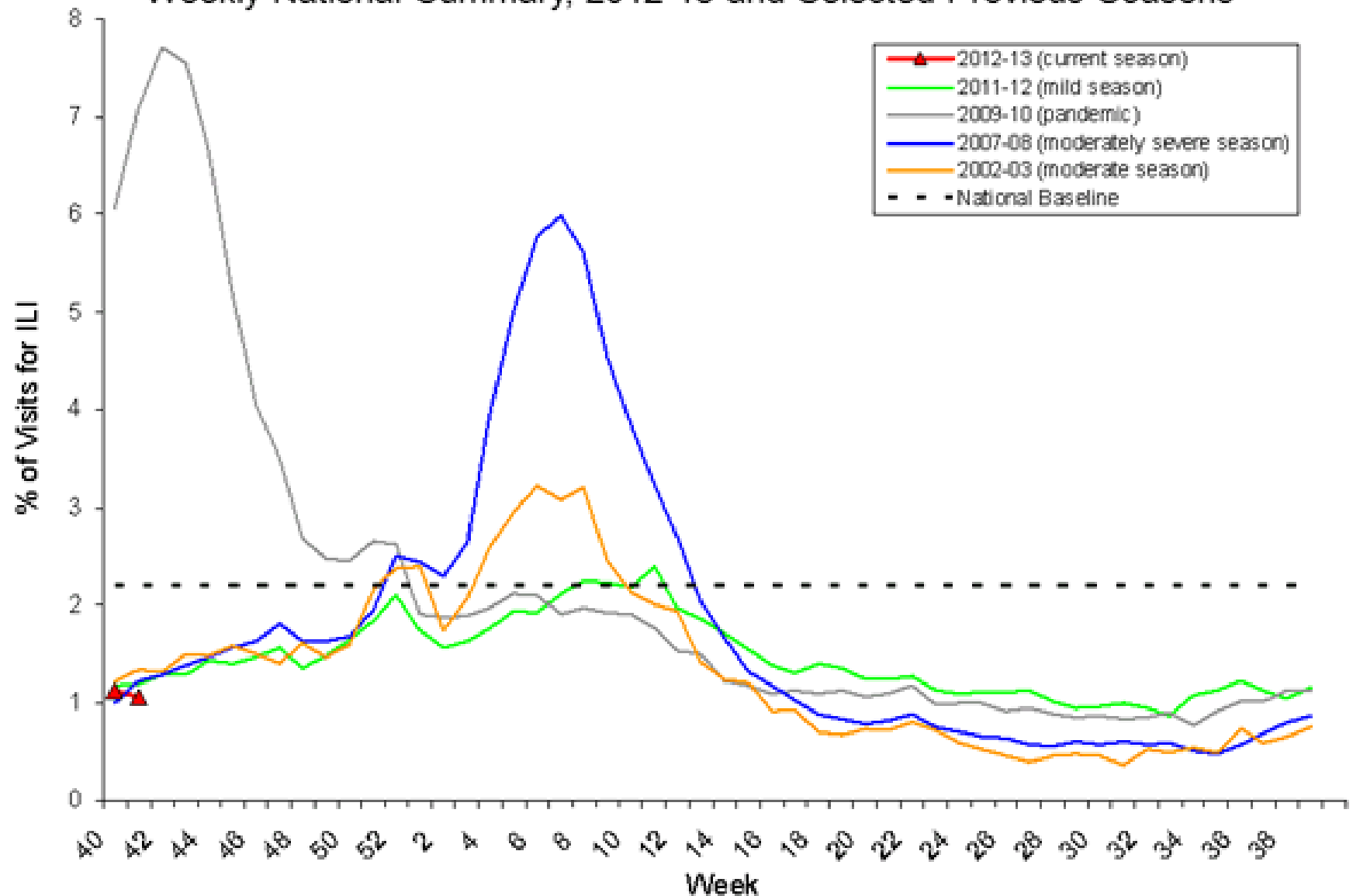
A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists*

Week Ending October 13, 2012- Week 41



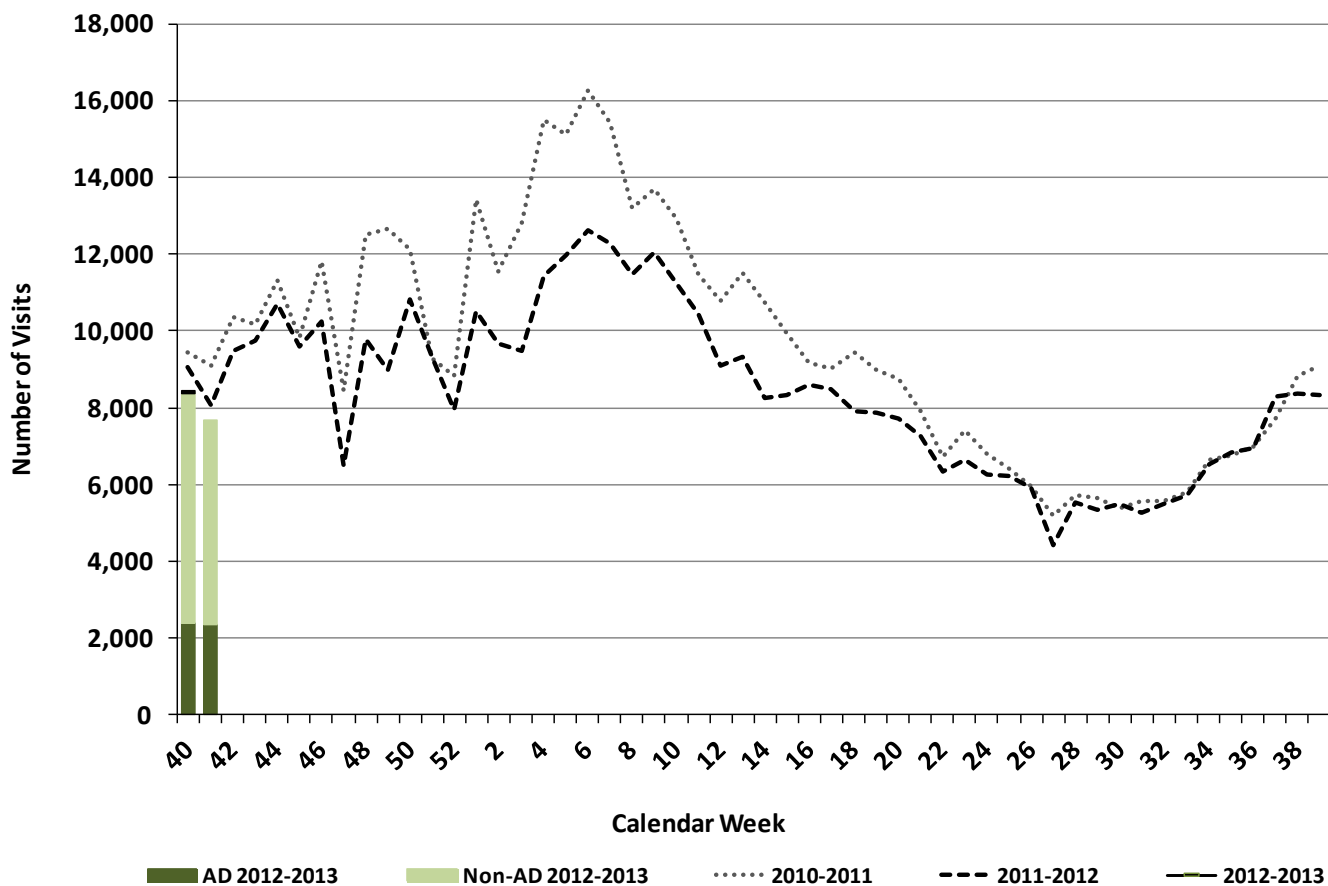
*This map indicates geographic spread and does not measure the severity of influenza activity.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons

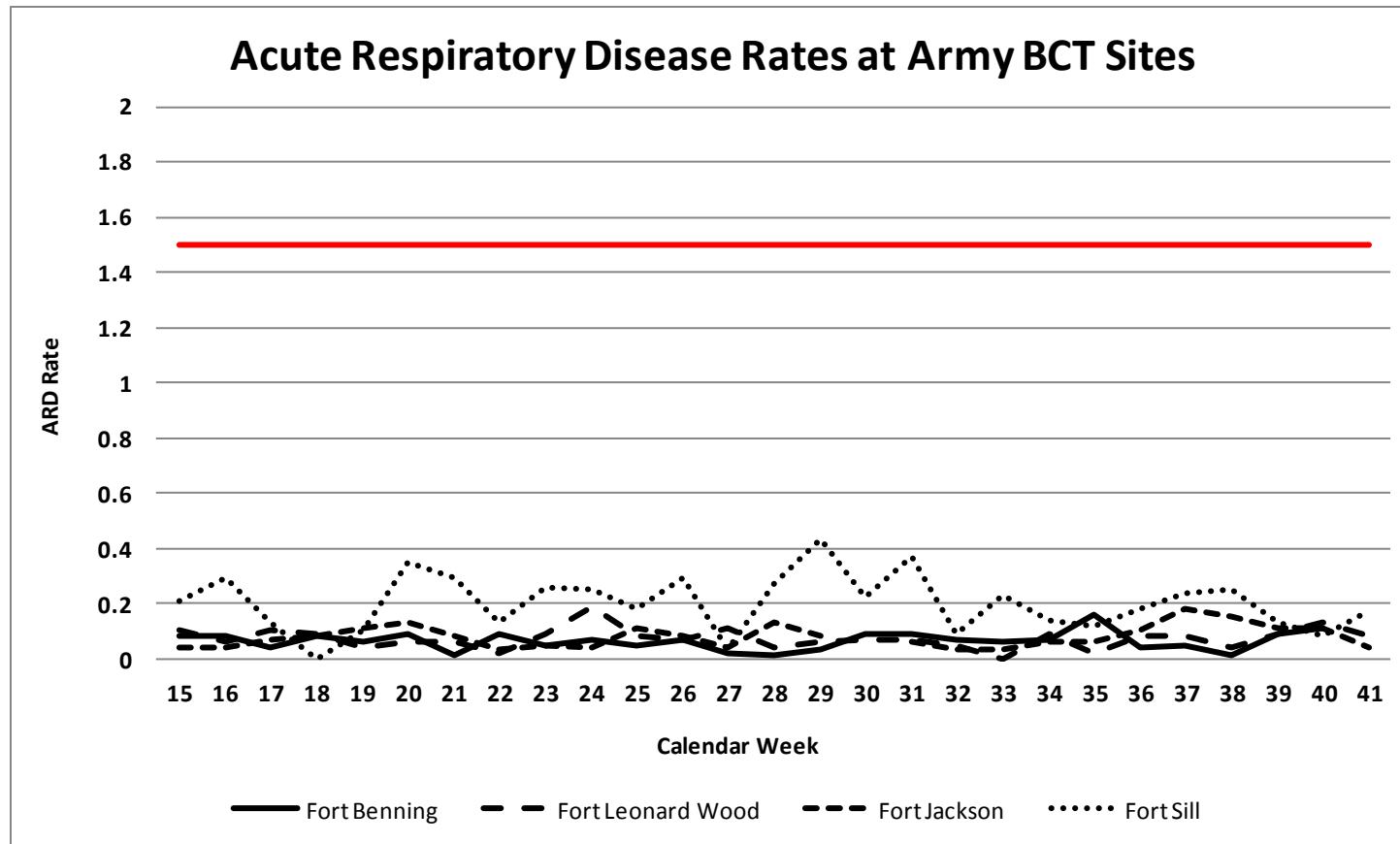


ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013

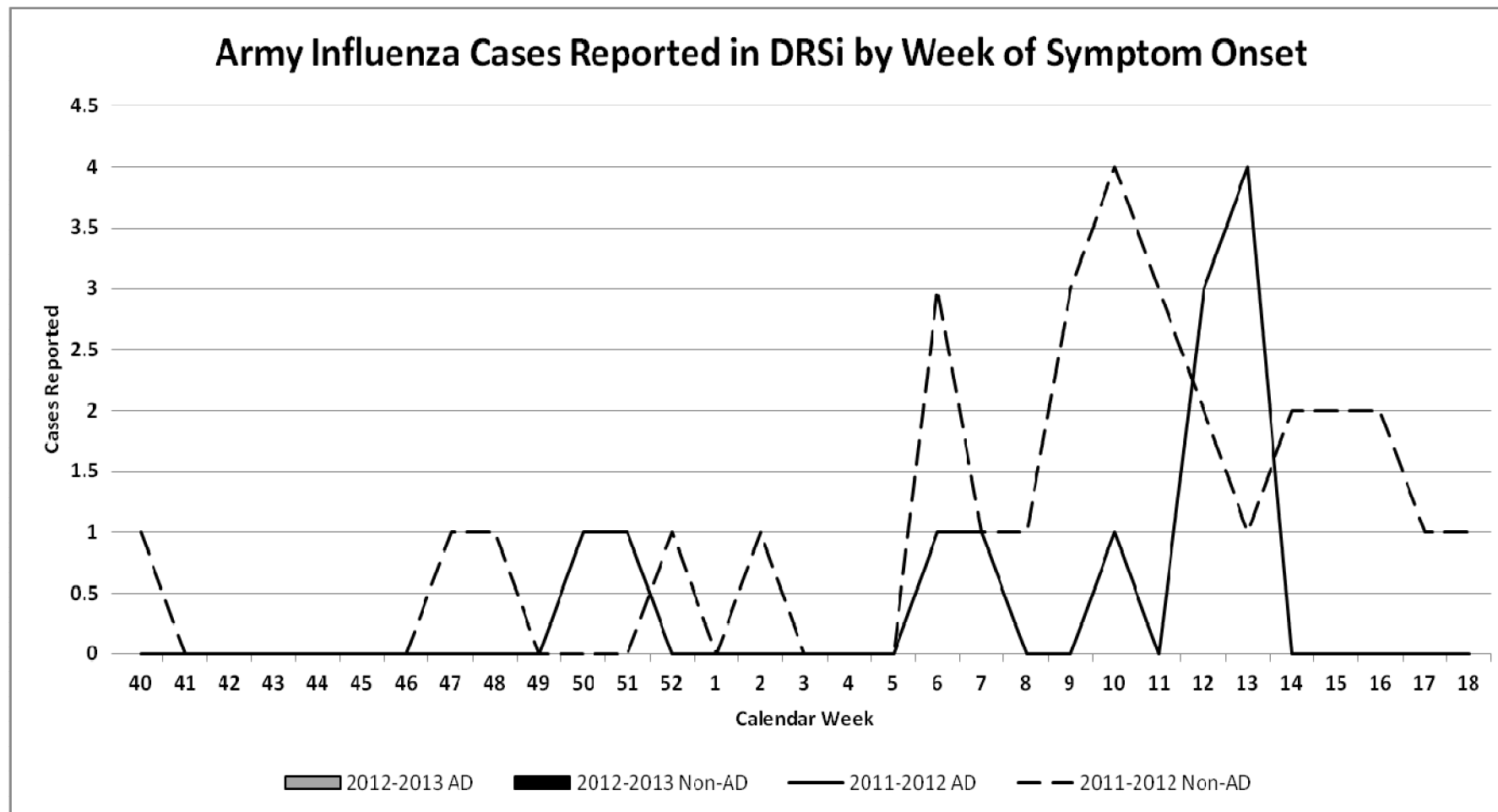


Clinic visits for ILI are obtained from ESSENCE. Data as of 19 October 2012.



Note: Adenovirus 4 and 7 vaccination of incoming basic trainees began at all Army training sites as of November 2011. No cases of ADV 4 or 7 have been diagnosed at these sites since Jan 2012.

Data as of 17 October 2012.



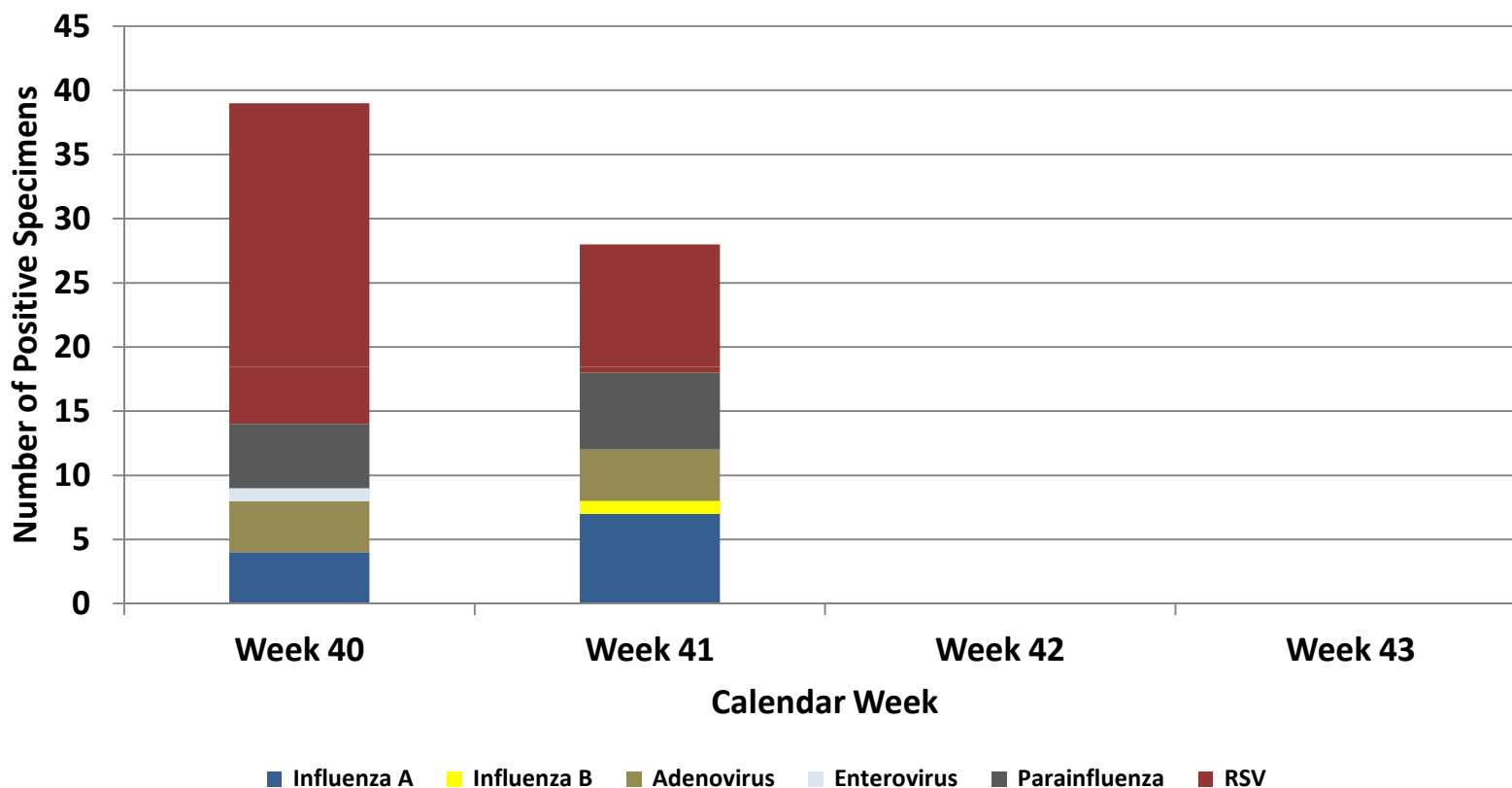
Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 10 October 2012.

Army MTF Laboratory Results

Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4	7			11
Influenza B	0	1			1
Adenovirus	4	4			8
Enterovirus	1	0			1
Parainfluenza	5	6			11
RSV	25	10			35
<i>Negative</i>	424	324			748
Total Results	463	352	0	0	815

Note: Test results are reported per individual. Data are preliminary and may change as more reports are received.
Data as of 18 October 2012.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2011-2012 Influenza Season



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Data as of 18 October 2012.